COMPETENCY TRAINING

SYNERGENOG

COURSE SNAPSHOT

PROCESS SAFETY MANAGEMENT

DURATION 3 days 1 day eLearning

PREREQUISITES Nil

WHAT THIS COURSE DELIVERS

Our Process Safety Management course examines the four critical aspects of Process Safety Management:

- Process safety culture
- Understanding hazards and risk
- Managing risks
- Review and improvement

Additionally, you will cover:

- Legislative requirements
- How to analyse and mitigate process safety hazards and risks
- Historical incidents to help identify potential future problems

WHO SHOULD ATTEND

Process Safety Management is designed for anyone working in an industrial facility who needs to understand and develop their knowledge of process safety hazards and risks and their management.

This includes personnel at all levels including general technical staff and engineers through to team leaders and senior management.

YOUR OPTIONS

Process Safety Management – 3 days

This course is best suited to personnel at all organisational levels with an emphasis on managers, team leaders, engineers and safety personnel. It is also important for staff involved in the design, operation, modification or maintenance of process facilities or other major hazard areas, and anyone who would like to develop their understanding of process safety.

Process Safety Management Awareness – 1 day

This course is intended for staff within a process plant environment, including managers, engineers, supervisors, administrative staff and other personnel.

Process Safety Management Awareness – eLearning

This online course is for staff working in a process plant environment, who require an understanding of the fundamental principles of process safety.

COURSE SNAPSHOT
PROCESS SAFETY MANAGEMENT

LEARNING OUTCOMES

MODULE 1 Introduction to Process Safety Management

This module aims at providing an introduction to the concept of process safety and a brief description of the course contents. Upon successful completion of this module, students will be able to differentiate between process safety and occupational safety. They will be able to determine the need for process safety, its various benefits and the effects a major accident may have on a business. Finally, students will develop an understanding of the four key aspects of Process Safety Management (PSM).

MODULE 2 Process Safety Culture

Through this module students will learn about the process safety culture and its importance for organisations. Upon successful completion, students will be able to identify key organisational requirements for developing a positive and sustainable process safety culture. Furthermore, they will develop an understanding of the consequences of poor safety culture and learn to appreciate the importance of documentation control and currency

MODULE 3 Process Hazard Analysis and Risk Assessment

This module involves describing and performing process hazard analysis and risk assessment. Upon successful completion of this module, students will be able to apply appropriate assessment techniques to identify hazards and understand the various methods to estimate the risks of a facility.

MODULE 4 Managing Process Safety Risks

Under this module, emphasis is on effectively managing process safety risks. Upon successful completion, students will acquire knowledge on managing process safety risks as well as the importance of maintaining procedures and safe working practices. They will be able to identify the criteria for determining operational readiness and will develop a sound understanding of the purpose of Emergency Response Plans (ERPs).

MODULE 5 Review and Improvement of Process Safety Performance

This module focuses on the importance of reviewing and continuously improving process safety performance. Upon successful completion students will be able to tell the importance of incident reporting and review.

The entire course is reviewed at the end to cement the learnings.

WHERE TO FROM HERE

We have a unique holistic approach to training and compliance, delivered by a highly experienced multi-disciplinary team.

For further information on your education and training options, or for possible corporate or volume discount offers, please contact us.

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